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Negotiated rate Comparitive Statement

Name of Work: Drilling of Borewell and Installation of pump and motor and laying of pipeline to providing driking water to Sidhartha nagara and Khata nagara in ward no 16 Jalahalli

Tender Notification No: EE/RRND/Tend/02/2020-21 Date: 10.06.2020

Indet No: BBMP/2020-21/WS/WORK_INDENT42926

Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
1	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,PWS by vertical	Each	2.00	1882.00	3764.00	2014.00	4028.00	1972.00	3944.00
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M	Rmtr	100.00	306.00	30600.00	327.00	32700.00	321.00	32100.00
3	b) 50.00 to 100.00mtr	Rmtr	100.00	400.00	40000.00	428.00	42800.00	419.00	41900.00
4	c) 100.00 to 150.00mtr	Rmtr	100.00	445.00	44500.00	476.00	47600.00	466.00	46600.00
5	d) 150.00 to 200.00mtr	Rmtr	100.00	470.00	47000.00	503.00	50300.00	493.00	49300.00
6	e) 200.00 to 250.00mtr	Rmtr	100.00	544.00	54400.00	582.00	58200.00	570.00	57000.00
7	f) 250.00 to 300.00mtr	Rmtr	100.00	583.00	58300.00	624.00	62400.00	611.00	61100.00
8	f) 300.00 to 350.00mtr	Rmtr	100.00	622.00	62200.00	666.00	66600.00	652.00	65200.00
9	Supply of ISI mark 175MM nominal bore plain end Steel casing pipe-grade of steel Fe.410, of wall thickness 5.4 mm thick conforming to IS 4270:2001	Rmtr	100.00	1325.00	132500.00	1418.00	141800.00	1388.00	138800.00

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Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
10	Supply of 175mm MS Cap. Complete as per the Direction of Engineer in charge	Each	2.00	100.00	200.00	107.00	214.00	105.00	210.00
11	Supply of 175mm MS Collar.. Complete as per the Direction of Engineer in charge	Each	16.00	150.00	2400.00	161.00	2576.00	157.00	2512.00
12	Supply and delivery of submersible pump sets suitable for borewell of 165mm dia with specified duty conditions as detailed below and satisfying	Nos	2.00	60697.00	121394.00	64946.00	129892.00	63604.00	127208.00
13	Supply and drawing 3 core flat PVC Sheathed submersible pump cable manufactured with eloctrolytic grade copper conductor confirming to	Mtrs	1360.00	151.00	205360.00	162.00	220320.00	158.00	214880.00
14	Erection of Pumpset including alligning and balancing with all necessary erection materials and labour inlcuding supply and erection of one pair of	Nos	2.00	1800.00	3600.00	1926.00	3852.00	1886.00	3772.00
15	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of	Nos	2.00	1370.52	2741.04	1466.00	2932.00	1436.00	2872.00
16	Supply and fixing 50mm GI UnionComplete as per the Direction of Engineer in charge	Nos	4.00	223.70	894.80	239.00	956.00	234.00	936.00
17	Supply and fixing 50mm GI ElbowComplete as per the Direction of Engineer in charge	Nos	2.00	111.80	223.60	120.00	240.00	117.00	234.00
18	Supply and fixing 50mm GI Nipple.Complete as per the Direction of Engineer in charge	Nos	4.00	104.30	417.20	112.00	448.00	109.00	436.00
19	Supply and fixing 50mm heavy duty House Collars.Complete as per the Direction of Engineer in charge	Nos	100.00	103.00	10300.00	110.00	11000.00	108.00	10800.00
20	Supply and delivery at site brand New star / Essen/ Lotus/ Sunshine / Adarsh/ GK Controls best indigenous energy make combined energy meter	Nos	2.00	6630.00	13260.00	7094.00	14188.00	6948.00	13896.00
21	Providing and fixing to wall, ceiling and floor galvonised/ mild steel tube 50mm dia nominal bore with fittings(medium grade weight 1.27kg/mtr) B class	Rmtr	400.00	411.28	164512.00	440.00	176000.00	431.00	172400.00

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Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
22	Erection of combine Panel borad and meter unit with necessary materials and labour including providing cement concrete foundation bed concrete door type	Nos	2.00	425.00	850.00	455.00	910.00	445.00	890.00
23	Supplying of TPST with rewireable porcelain channels in SM encloser made out of 14 SWG powder coated paint of approved colour 32 amps	Nos	2.00	1868.00	3736.00	1999.00	3998.00	1957.00	3914.00
24	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank with front plank one end provided for holding at other end	Nos	2.00	302.00	604.00	323.00	646.00	316.00	632.00
25	Supplying and fixing LED type pannel board indicating lamp with required colous suitable for 220 V AC 50Hz 12/24V DCComplete as per the Direction	Nos	2.00	442.00	884.00	473.00	946.00	463.00	926.00
26	Wiring for lightnening/ power circuit using one of FRLS PVC Insulated 1100 V grade multistrand copper conductor single core wire in open or	Mtrs	72.00	42.10	3031.20	45.00	3240.00	44.00	3168.00
27	Fixing a shunt capacity upto 5KVAR capacity with necessary clamps, bolts and nuts on existing woden or metal board including banking of more than one	Mtrs	6.00	138.00	828.00	148.00	888.00	145.00	870.00
28	Supplying and fixing regular MCB distribution boards on wall/ wood board / Flush mounting using required clamps, bolts , nuts with provision for fixing suitable	Nos	2.00	1047.00	2094.00	1120.00	2240.00	1097.00	2194.00
29	Supplying and fixing wiring earth electrode for grounding conduits IC Cutouts and other equipments on the meter board using 40mm dia 2.90mm thick	Nos	2.00	2727.00	5454.00	2918.00	5836.00	2858.00	5716.00
30	Supplying fully automatic Star delta starter unit push button type with suitable wires 3 contractors and adjustable thermal timer mounted on a common base	Each	2.00	6583.00	13166.00	7044.00	14088.00	6898.00	13796.00
31	Supplying and fixing Class A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping	Mtrs	12.00	585.00	7020.00	626.00	7512.00	613.00	7356.00
32	Supplying laying of 1.1KV class L.TU.G Cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2C X	Mtrs	60.00	165.60	9936.00	177.00	10620.00	174.00	10440.00
33	Labour Charges for laying of 1.1 K.V class UG cable 6Sqmm to 16 sqmm Complete as per the Direction of Engineer in charge	Mtrs	60.00	10.80	648.00	12.00	720.00	11.00	660.00

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Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
34	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete as per	Mtrs	50.00	106.00	5300.00	113.00	5650.00	111.00	5550.00
35	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound complete. With	Each	2.00	280.00	560.00	300.00	600.00	293.00	586.00
36	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden block & wiring complete 32 amps Complete as per the Direction of Engineer	Nos	6.00	180.00	1080.00	193.00	1158.00	189.00	1134.00
37	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,	cum	58.46	316.94	18528.31	339.00	19817.94	332.00	19408.72
38	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply	Mtrs	333.00	457.92	152487.36	490.00	163170.00	480.00	159840.00
39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all	Mtrs	200.00	166.42	33284.00	178.00	35600.00	174.00	34800.00
40	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special flange,	Mtrs	100.00	314.82	31482.00	337.00	33700.00	330.00	33000.00
41	Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with	cum	58.46	128.26	7498.08	137.00	8009.02	134.00	7833.64
42	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front	cum	58.46	95.40	5577.08	102.00	5962.92	100.00	5846.00
43	Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour	Each	30.00	1843.34	55300.20	1972.00	59160.00	1932.00	57960.00
44	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing	Each	30.00	511.98	15359.40	548.00	16440.00	537.00	16110.00
45	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with	Each	50.00	149.46	7473.00	160.00	8000.00	157.00	7850.00

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Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
46	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal	cum	29.23	5408.12	158079.35	5787.00	169154.01	5667.00	165646.41
47	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for	cum	19.49	5770.64	112469.77	6175.00	120350.75	6047.00	117856.03
					1651296.40		**1767462.64**		**1730082.80**
% when compared to PWD SR 2018-19						**+7.03%Above**		**+4.77%Above**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

6	100.00	e) 200.00 to 250.00	Kmtr	493.00	Hundred Ninety Three Only	

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Bruhath Bangalore Mahanagara Palike

Financial Bid Comparative Statement

Tender Notification No: EE/RRND/Tend/02/2020-21 Date: 10.06.2020

Indet No: BBMP/2020-21/WS/WORK_INDENT42926

Name of Work: Drilling of Borewell and Installation of pump and motor and laying of pipeline to providing driking water to Sidhartha nagara and Khata nagara in ward no 16 Jalahalli

Sl No	Item Name	Unit	Estimate Quantity	As per PWD SR 2018-19		Rates quoted by T CHANDRASHEKHAR REDDY		Rates quoted by S SANTHOSH KUMAR	
				Estimate Rate	Total Amount	Rate	Total Amount	Rate	Total Amount
1	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand	Each	2.00	1882.00	3764.00	2014.00	4028.00	2051.00	4102.00
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden	Rmtr	100.00	306.00	30600.00	327.00	32700.00	334.00	33400.00
3	b) 50.00 to 100.00mtr	Rmtr	100.00	400.00	40000.00	428.00	42800.00	436.00	43600.00
4	c) 100.00 to 150.00mtr	Rmtr	100.00	445.00	44500.00	476.00	47600.00	485.00	48500.00
5	d) 150.00 to 200.00mtr	Rmtr	100.00	470.00	47000.00	503.00	50300.00	512.00	51200.00
6	e) 200.00 to 250.00mtr	Rmtr	100.00	544.00	54400.00	582.00	58200.00	593.00	59300.00
7	f) 250.00 to 300.00mtr	Rmtr	100.00	583.00	58300.00	624.00	62400.00	635.00	63500.00
8	f) 300.00 to 350.00mtr	Rmtr	100.00	622.00	62200.00	666.00	66600.00	678.00	67800.00
9	Supply of ISI mark 175MM nominal bore plain end Steel casing pipe-grade of steel Fe.410, of wall thickness 5.4 mm thick conforming to IS 4270:2001	Rmtr	100.00	1325.00	132500.00	1418.00	141800.00	1444.00	144400.00

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10	Supply of 175mm MS Cap. Complete as per the Direction of Engineer in charge	Each	2.00	100.00	200.00	107.00	214.00	109.00	218.00
11	Supply of 175mm MS Collar.. Complete as per the Direction of Engineer in charge	Each	16.00	150.00	2400.00	161.00	2576.00	164.00	2624.00
12	Supply and delivery of submersible pump sets suitable for borewell of 165mm dia with specified duty conditions as detailed below and satisfying	Nos	2.00	60697.00	121394.00	64946.00	129892.00	66160.00	132320.00
13	Supply and drawing 3 core flat PVC Sheathed submersible pump cable manufactured with elocrolytic grade copper conductor confirming to	Mtrs	1360.00	151.00	205360.00	162.00	220320.00	165.00	224400.00
14	Erection of Pumpset including alligning and balancing with all necessary erection materials and labour inlcuding supply and erection of one pair of	Nos	2.00	1800.00	3600.00	1926.00	3852.00	1962.00	3924.00
15	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of	Nos	2.00	1370.52	2741.04	1466.00	2932.00	1494.00	2988.00
16	Supply and fixing 50mm GI UnionComplete as per the Direction of Engineer in charge	Nos	4.00	223.70	894.80	239.00	956.00	244.00	976.00
17	Supply and fixing 50mm GI ElbowComplete as per the Direction of Engineer in charge	Nos	2.00	111.80	223.60	120.00	240.00	122.00	244.00
18	Supply and fixing 50mm GI Nipple.Complete as per the Direction of Engineer in charge	Nos	4.00	104.30	417.20	112.00	448.00	114.00	456.00
19	Supply and fixing 50mm heavy duty House Collars.Complete as per the Direction of Engineer in charge	Nos	100.00	103.00	10300.00	110.00	11000.00	112.00	11200.00
20	Supply and delivery at site brand New star / Essen/ Lotus/ Sunshine / Adarsh/ GK Controls best indigenous energy make combined energy meter	Nos	2.00	6630.00	13260.00	7094.00	14188.00	7227.00	14454.00
21	Providing and fixing to wall, ceiling and floor galvonised/ mild steel tube 50mm dia nominal bore with fittings(medium grade weight 1.27kg/mtr) B	Rmtr	400.00	411.28	164512.00	440.00	176000.00	448.00	179200.00
22	Erection of combine Panel borad and meter unit with necessary materials and labour including providing cement concrete foundation bed concrete door type	Nos	2.00	425.00	850.00	455.00	910.00	463.00	926.00
23	Supplying of TPST with rewireable porcelain channels in SM encloser made out of 14 SWG powder coated paint of approved colour 32 amps	Nos	2.00	1868.00	3736.00	1999.00	3998.00	2036.00	4072.00

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24	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank with front plank one end provided for holding at other end	Nos	2.00	302.00	604.00	323.00	646.00	329.00	658.00
25	Supplying and fixing LED type pannel board indicating lamp with required colous suitable for 220 V AC 50Hz 12/24V DCComplete as per the	Nos	2.00	442.00	884.00	473.00	946.00	482.00	964.00
26	Wiring for lightnening/ power circuit using one of FRLS PVC Insulated 1100 V grade multistrand copper conductor single core wire in open or	Mtrs	72.00	42.10	3031.20	45.00	3240.00	46.00	3312.00
27	Fixing a shunt capacity upto 5KVAR capacity with necessary clamps, bolts and nuts on existing woden or metal board including banking of more than one	Mtrs	6.00	138.00	828.00	148.00	888.00	150.00	900.00
28	Supplying and fixing regular MCB distribution boards on wall/ wood board / Flush mounting using required clamps, bolts , nuts with provision for fixing	Nos	2.00	1047.00	2094.00	1120.00	2240.00	1141.00	2282.00
29	Supplying and fixing wiring earth electrode for grounding conduits IC Cutouts and other equipments on the meter board using 40mm dia	Nos	2.00	2727.00	5454.00	2918.00	5836.00	2972.00	5944.00
30	Supplying fully automatic Star delta starter unit push button type with suitable wires 3 contractors and adjustable thermal timer mounted on a common	Each	2.00	6583.00	13166.00	7044.00	14088.00	7175.00	14350.00
31	Supplying and fixing Class A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping	Mtrs	12.00	585.00	7020.00	626.00	7512.00	638.00	7656.00
32	Supplying laying of 1.1KV class L.TU.G Cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (except 2C X	Mtrs	60.00	165.60	9936.00	177.00	10620.00	181.00	10860.00
33	Labour Charges for laying of 1.1 K.V class UG cable 6Sqmm to 16 sqmm Complete as per the Direction of Engineer in charge	Mtrs	60.00	10.80	648.00	12.00	720.00	12.00	720.00
34	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete as per	Mtrs	50.00	106.00	5300.00	113.00	5650.00	116.00	5800.00
35	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / insulating compound complete. With	Each	2.00	280.00	560.00	300.00	600.00	305.00	610.00
36	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden block & wiring complete 32 amps Complete as per the Direction of Engineer	Nos	6.00	180.00	1080.00	193.00	1158.00	196.00	1176.00
37	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width,	cum	58.46	316.94	18528.31	339.00	19817.94	345.00	20168.70

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38	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply	Mtrs	333.00	457.92	152487.36	490.00	163170.00	499.00	166167.00
39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply	Mtrs	200.00	166.42	33284.00	178.00	35600.00	181.00	36200.00
40	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 63mm outside diameter with special	Mtrs	100.00	314.82	31482.00	337.00	33700.00	343.00	34300.00
41	Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with	cum	58.46	128.26	7498.08	137.00	8009.02	140.00	8184.40
42	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front	cum	58.46	95.40	5577.08	102.00	5962.92	104.00	6079.84
43	Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour	Each	30.00	1843.34	55300.20	1972.00	59160.00	2009.00	60270.00
44	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing	Each	30.00	511.98	15359.40	548.00	16440.00	558.00	16740.00
45	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with	Each	50.00	149.46	7473.00	160.00	8000.00	163.00	8150.00
46	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal	cum	29.23	5408.12	158079.35	5787.00	169154.01	5880.00	171872.40
47	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for	cum	19.49	5770.64	112469.77	6175.00	120350.75	6290.00	122592.10
	Total Summary Amount				**1651296.40**		**1767462.64**		**1799760.44**
	% when compared to Amount (PWD SR 2018-19) as per sanctioned estimate.					**7.03**		**8.99**	
	Remarks					**L1**		**L2**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

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